

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041015\
 Data File : BG016345.D
 Acq On : 11 Apr 2015 9:23
 Operator : TP/IZ
 Sample : G1831-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PE-11

Quant Time: Apr 13 03:34:18 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 07 04:17:17 2015
 Response via : Initial Calibration

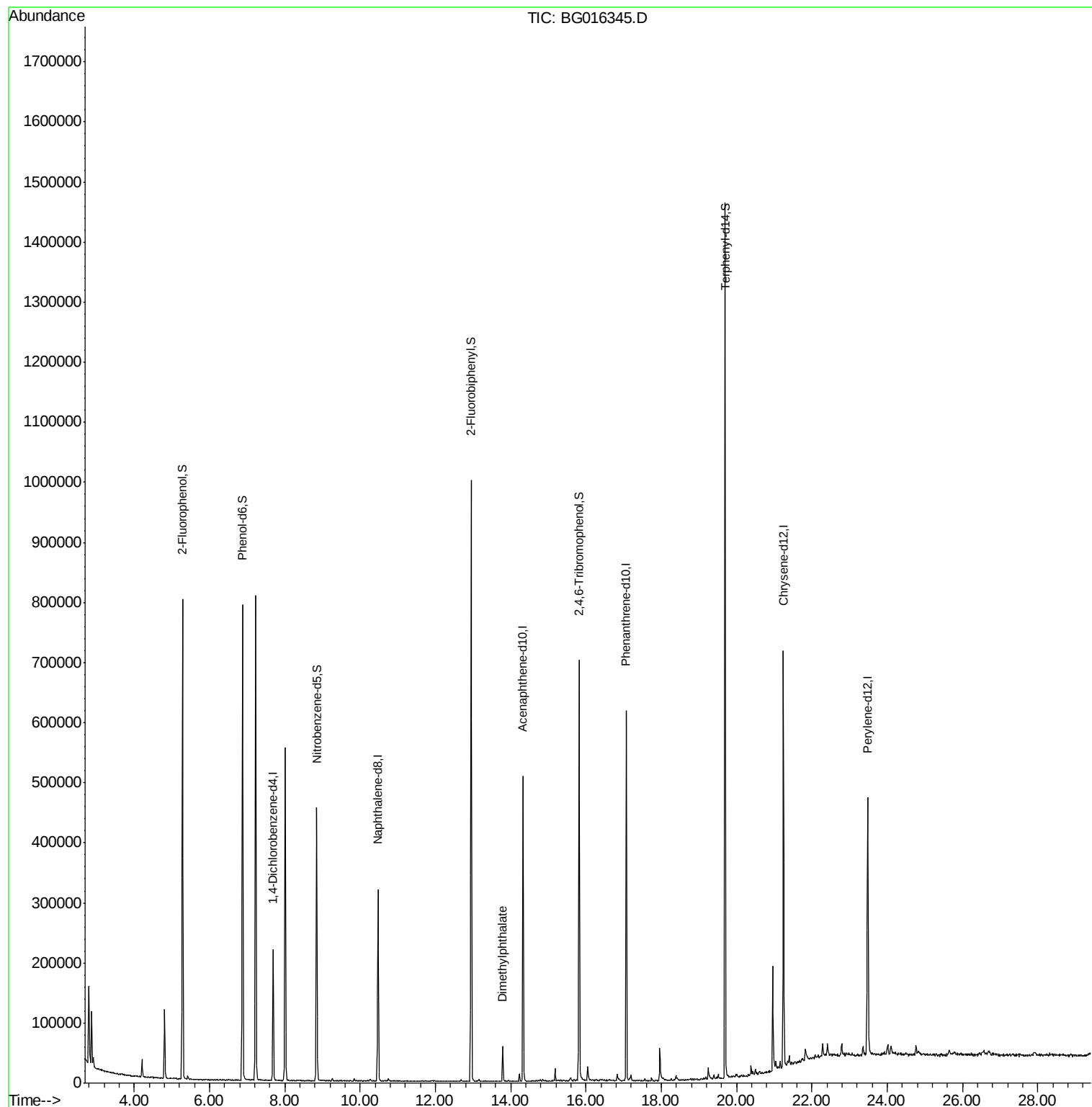
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	60701	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	269275	20.00	ng	-0.02
38) Acenaphthene-d10	14.33	164	159138	20.00	ng	0.00
63) Phenanthrene-d10	17.07	188	325817	20.00	ng	0.00
75) Chrysene-d12	21.24	240	278338	20.00	ng	-0.02
86) Perylene-d12	23.48	264	261051	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	369051	95.95	ng	0.00
7) Phenol-d6	6.87	99	528525	91.54	ng	0.00
23) Nitrobenzene-d5	8.85	82	268161	57.69	ng	0.00
41) 2,4,6-Tribromophenol	15.82	330	99912	92.83	ng	0.00
44) 2-Fluorobiphenyl	12.95	172	493836	52.83	ng	-0.02
78) Terphenyl-d14	19.70	244	586595	49.32	ng	0.00
Target Compounds						
49) Dimethylphthalate	13.79	163	39290	3.37	ng	Qvalue 99

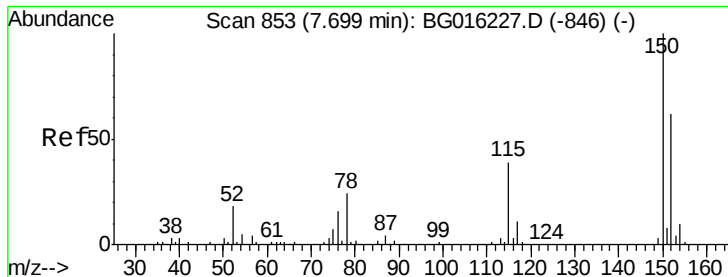
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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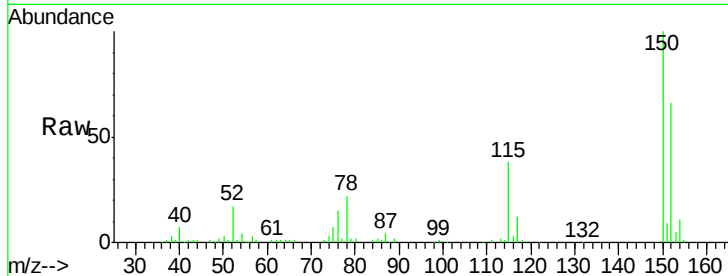


#1

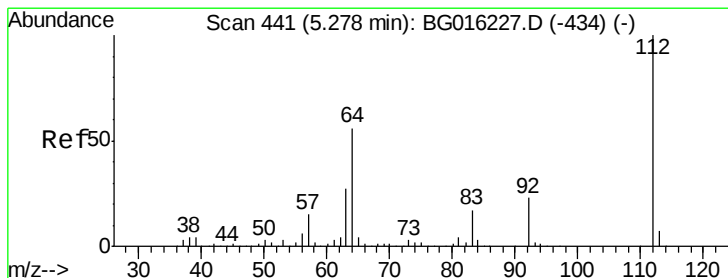
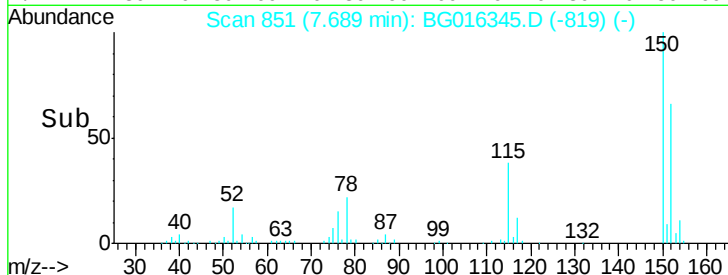
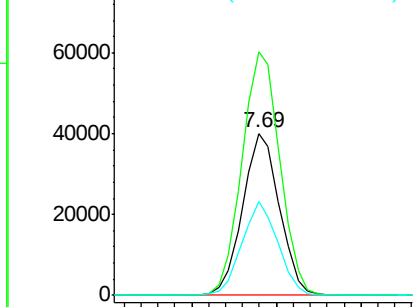
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.69 min Scan# 851
Delta R.T. -0.01 min
Lab File: BG016345.D
Acq: 11 Apr 2015 9:23

Instrument :
BNA_G
ClientSampled :
PE-11

Tgt Ion:152 Resp: 60701
Ion Ratio Lower Upper
152 100
150 150.6 130.1 195.1
115 57.7 50.5 75.7



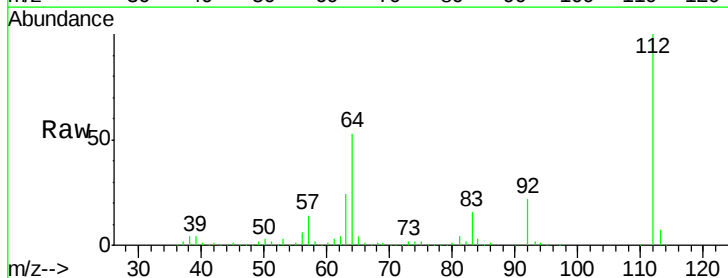
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



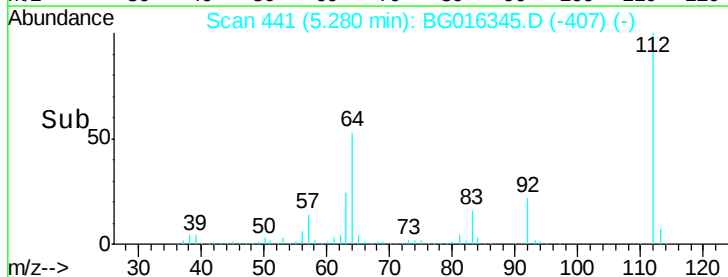
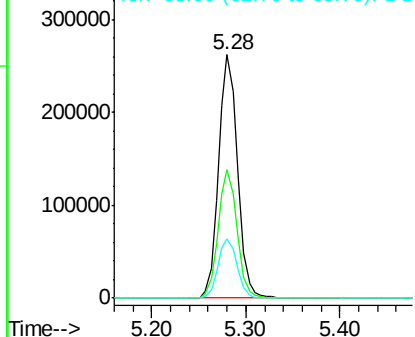
#5

2-Fluorophenol
Concen: 95.95 ng
RT: 5.28 min Scan# 441
Delta R.T. 0.00 min
Lab File: BG016345.D
Acq: 11 Apr 2015 9:23

Tgt Ion:112 Resp: 369051
Ion Ratio Lower Upper
112 100
64 52.8 44.5 66.7
63 24.5 21.4 32.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 91.54 ng

RT: 6.87 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG016345.D

Acq: 11 Apr 2015 9:23

Instrument :

BNA_G

ClientSampled :

PE-11

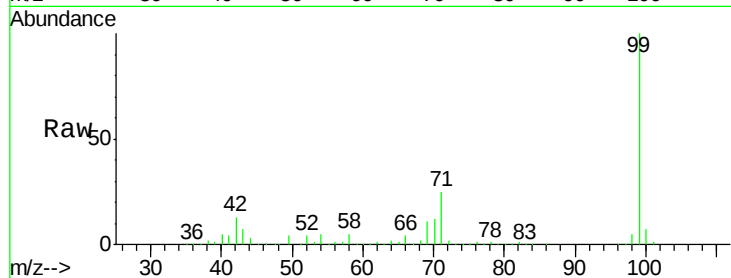
Tgt Ion: 99 Resp: 528525

Ion Ratio Lower Upper

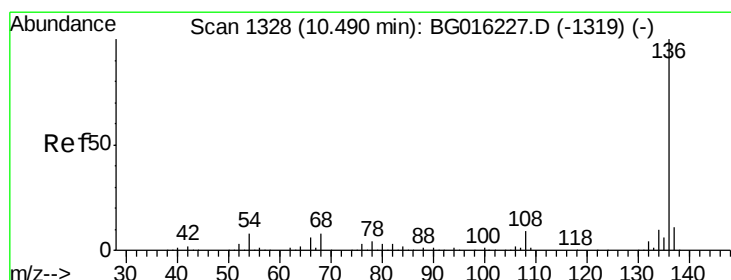
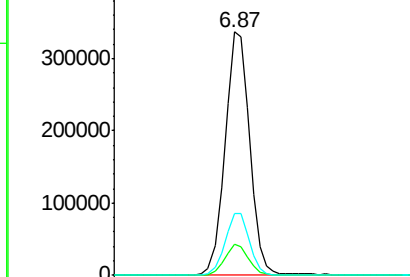
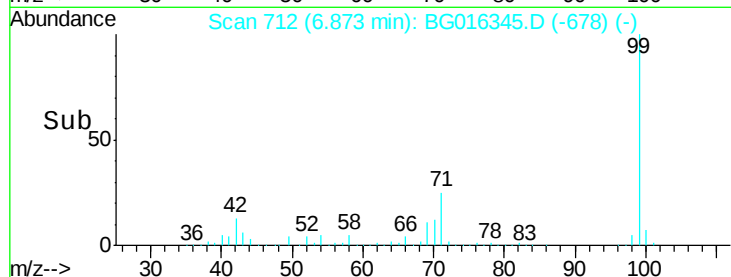
99 100

42 12.7 10.0 15.0

71 25.2 21.5 32.3



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.47 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BG016345.D

Acq: 11 Apr 2015 9:23

Tgt Ion: 136 Resp: 269275

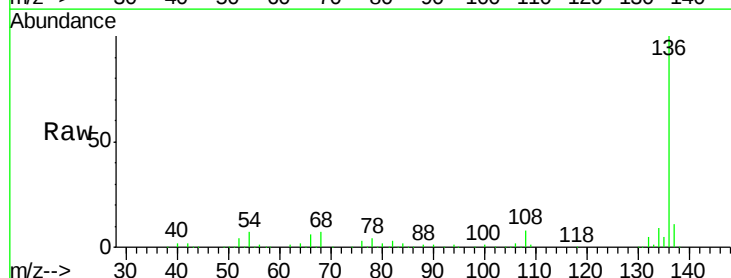
Ion Ratio Lower Upper

136 100

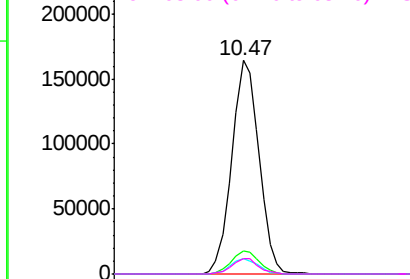
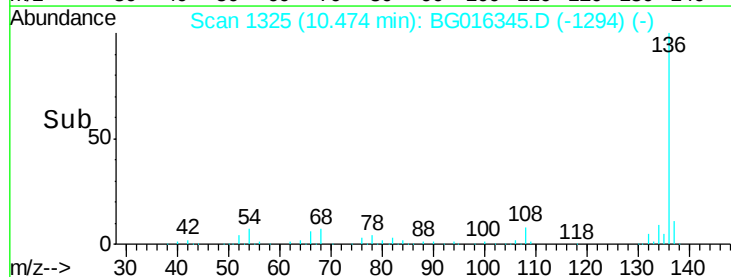
137 11.1 8.7 13.1

54 7.1 6.3 9.5

68 7.0 6.5 9.7



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC





#23

Nitrobenzene-d5

Concen: 57.69 ng

RT: 8.85 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BG016345.D

Acq: 11 Apr 2015 9:23

Instrument :

BNA_G

ClientSampleId :

PE-11

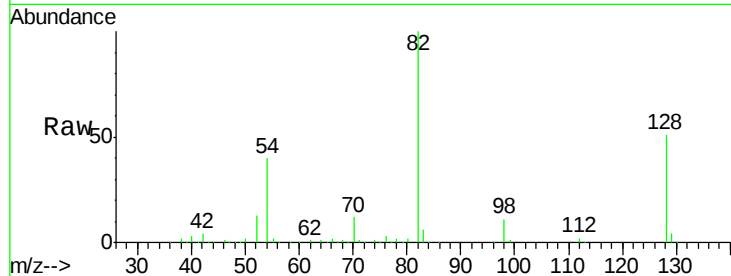
Tgt Ion: 82 Resp: 268161

Ion Ratio Lower Upper

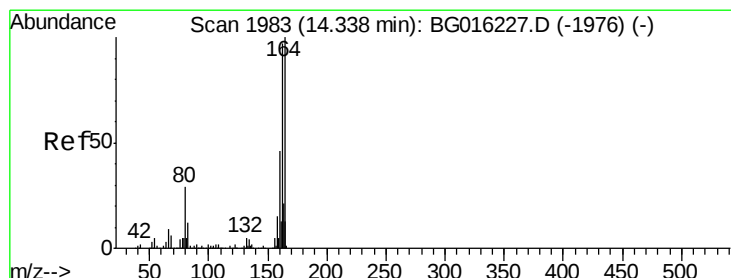
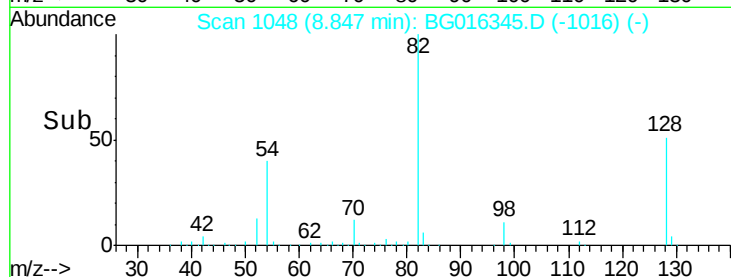
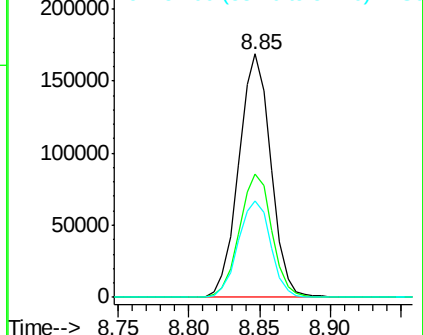
82 100

128 50.8 37.8 56.8

54 39.7 32.6 49.0



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.33 min Scan# 1981

Delta R.T. -0.01 min

Lab File: BG016345.D

Acq: 11 Apr 2015 9:23

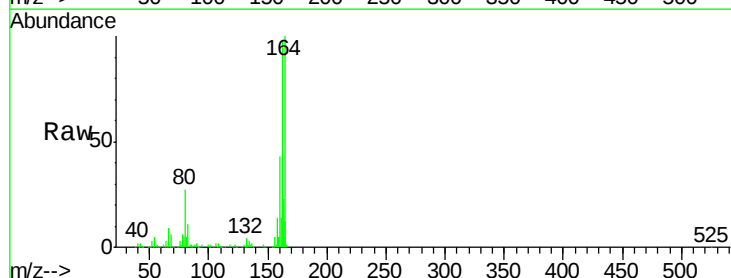
Tgt Ion: 164 Resp: 159138

Ion Ratio Lower Upper

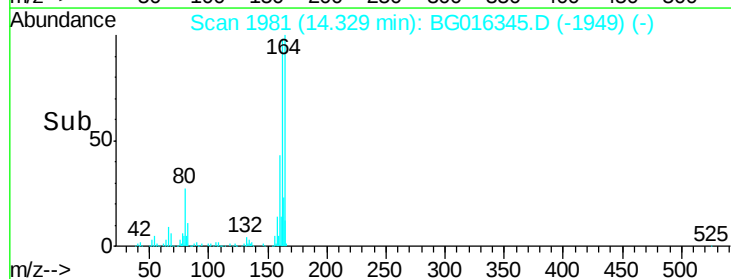
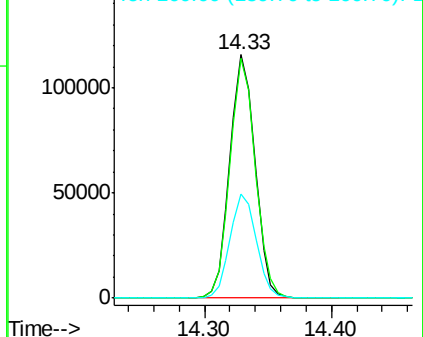
164 100

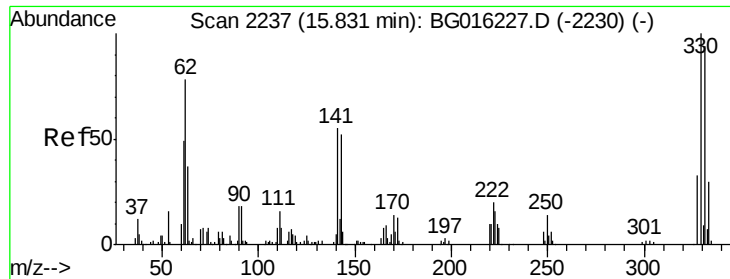
162 98.3 77.3 115.9

160 42.6 36.7 55.1



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

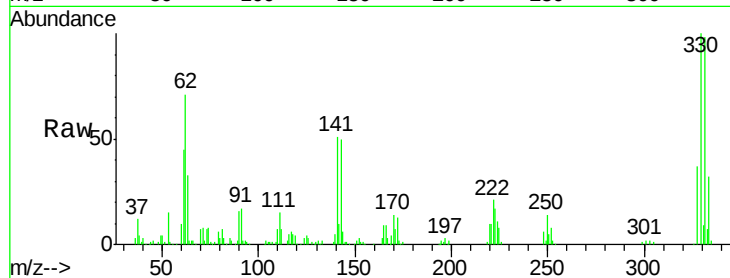




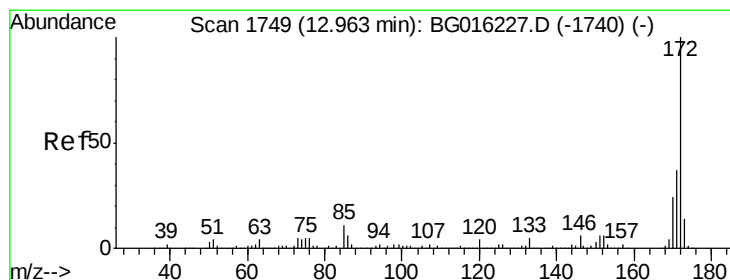
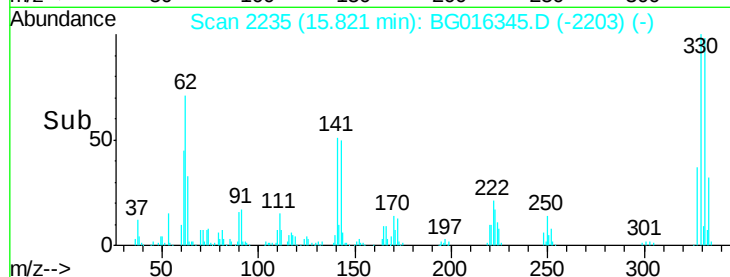
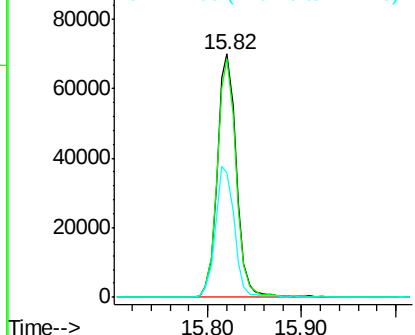
#41
 2,4,6-Tribromophenol
 Concen: 92.83 ng
 RT: 15.82 min Scan# 2235
 Delta R.T. -0.01 min
 Lab File: BG016345.D
 Acq: 11 Apr 2015 9:23

Instrument :
 BNA_G
 ClientSampleId :
 PE-11

Tgt Ion: 330 Resp: 99912
 Ion Ratio Lower Upper
 330 100
 332 96.9 75.8 113.6
 141 53.3 46.6 69.8

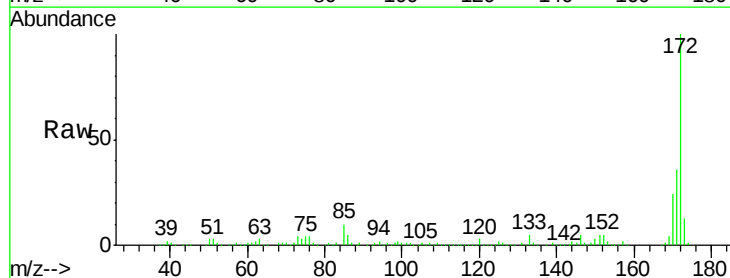


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

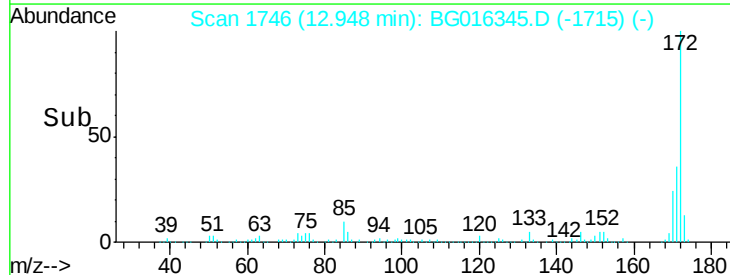
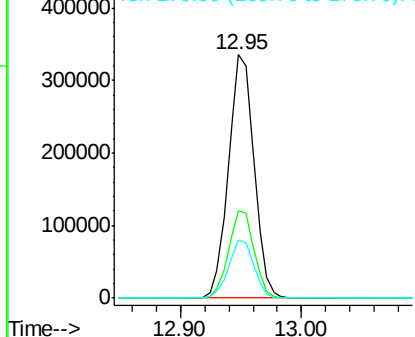


#44
 2-Fluorobiphenyl
 Concen: 52.83 ng
 RT: 12.95 min Scan# 1746
 Delta R.T. -0.02 min
 Lab File: BG016345.D
 Acq: 11 Apr 2015 9:23

Tgt Ion: 172 Resp: 493836
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 24.0 19.4 29.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 3.37 ng

RT: 13.79 min Scan# 1889

Delta R.T. -0.02 min

Lab File: BG016345.D

Acq: 11 Apr 2015 9:23

Instrument :

BNA_G

ClientSampleId :

PE-11

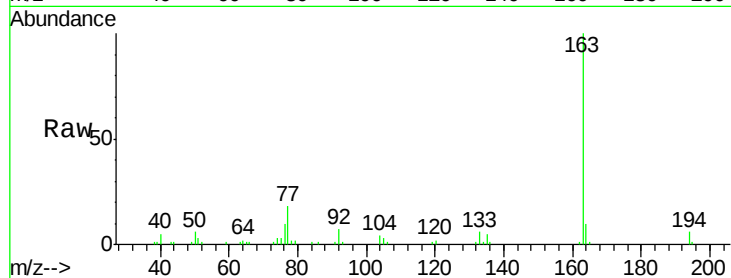
Tgt Ion:163 Resp: 39290

Ion Ratio Lower Upper

163 100

194 6.0 5.0 7.4

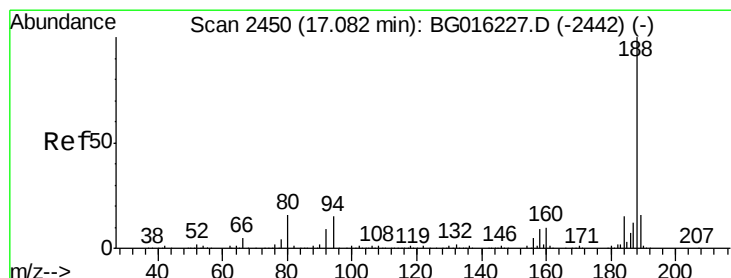
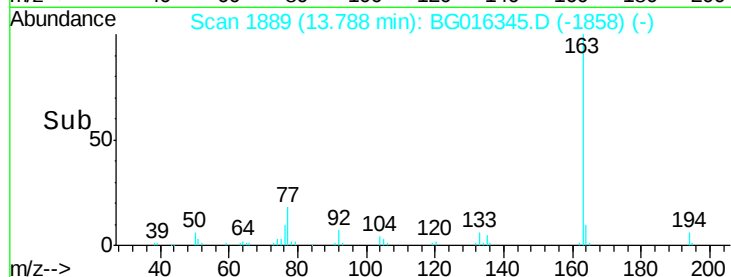
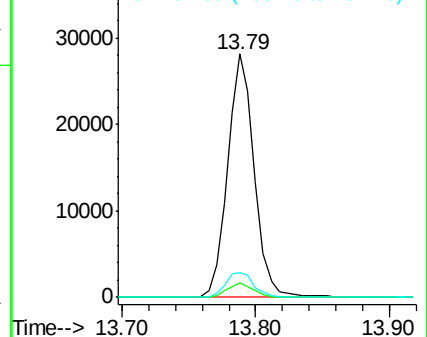
164 10.0 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.07 min Scan# 2448

Delta R.T. -0.01 min

Lab File: BG016345.D

Acq: 11 Apr 2015 9:23

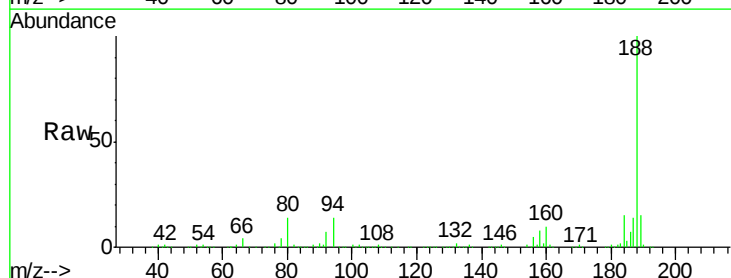
Tgt Ion:188 Resp: 325817

Ion Ratio Lower Upper

188 100

94 14.4 12.2 18.4

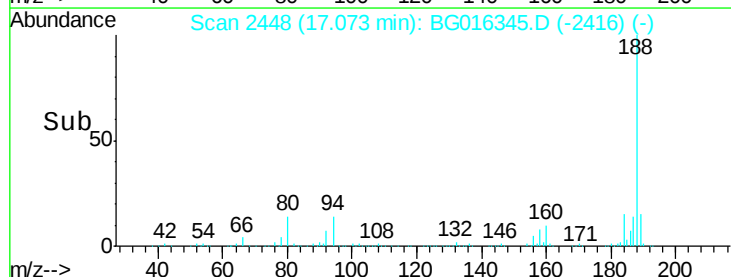
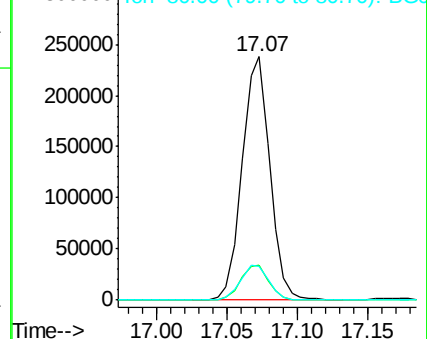
80 13.6 12.8 19.2

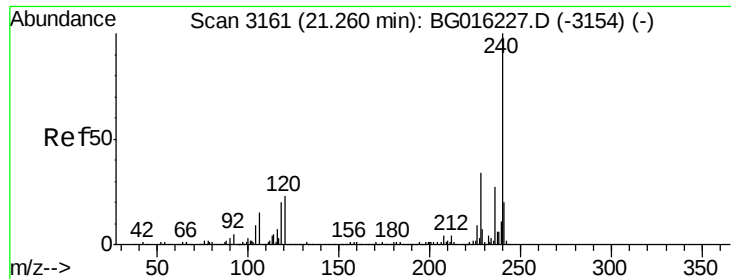


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.24 min Scan# 3158

Delta R.T. -0.02 min

Lab File: BG016345.D

Acq: 11 Apr 2015 9:23

Instrument :

BNA_G

ClientSampled :

PE-11

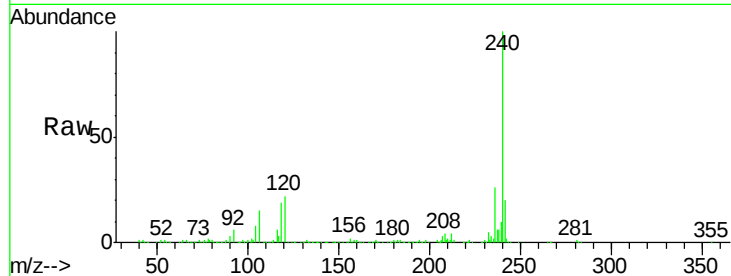
Tgt Ion:240 Resp: 278338

Ion Ratio Lower Upper

240 100

120 21.7 18.6 28.0

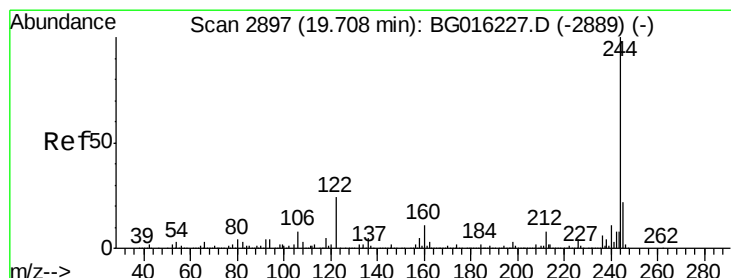
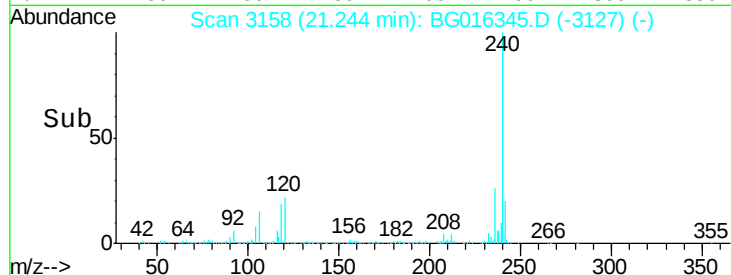
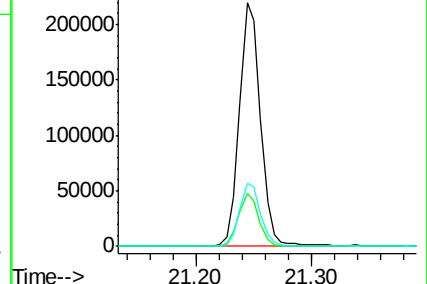
236 26.1 21.7 32.5



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 49.32 ng

RT: 19.70 min Scan# 2895

Delta R.T. -0.01 min

Lab File: BG016345.D

Acq: 11 Apr 2015 9:23

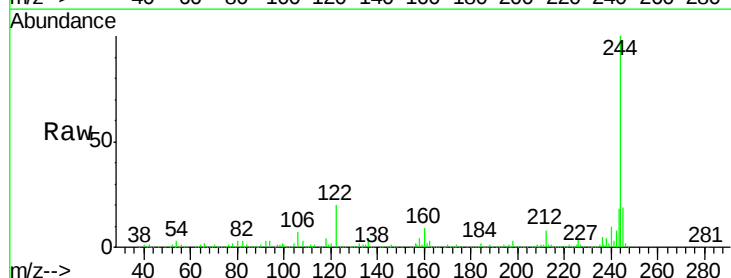
Tgt Ion:244 Resp: 586595

Ion Ratio Lower Upper

244 100

212 7.5 6.6 9.8

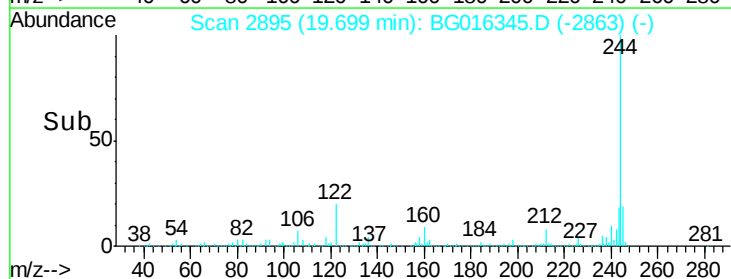
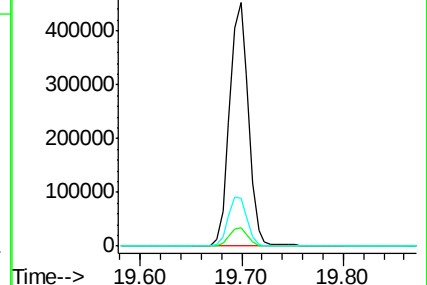
122 19.8 19.1 28.7

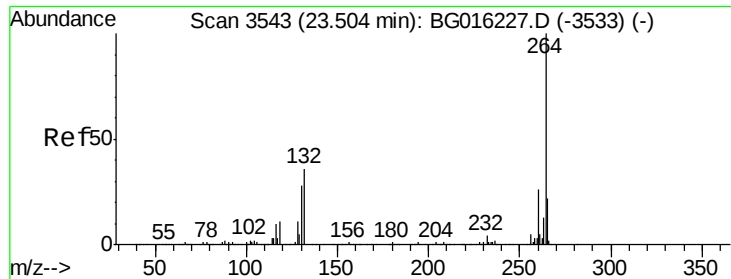


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

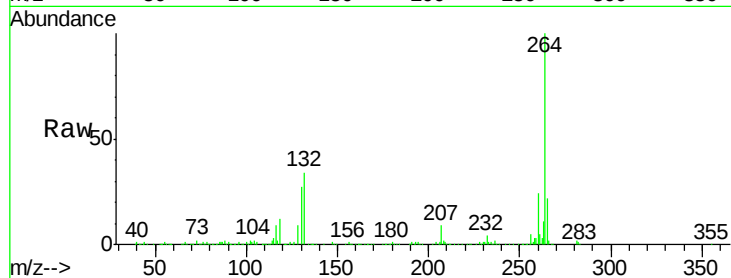




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.48 min Scan# 3539
Delta R.T. -0.02 min
Lab File: BG016345.D
Acq: 11 Apr 2015 9:23

Instrument :
BNA_G
ClientSampleId :
PE-11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	20.4	30.6
265	21.8	17.2	25.8



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

